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L21
     ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN
     2003:868614 CAPLUS
DN
     139:371877
ΤI
     Positive-working resist composition
IN
     Sasaki, Tomoya; Mizutani, Kazuyoshi; Kanna, Shinichi
PA
     Fuji Photo Film Co., Ltd., Japan
     Jpn. Kokai Tokkyo Koho, 60 pp.
SO
     CODEN: JKXXAF
DT
     Patent
LΑ
     Japanese
FAN.CNT 2
     PATENT NO.
                          KIND
                                 DATE
                                             APPLICATION NO.
                                                                      DATE
PΙ
     JP 2003316007
                                 20031106
                                             JP 2002-126433
                           A2
                                                                      20020426
                                20031218
     US 2003232277
                           Α1
                                             US 2003-422789
                                                                      20030425
PRAI JP 2002-126433
                           Α
                                  20020426
     JP 2002-223234
                           Α
                                 20020731
     JP 2002-223386
                           Α
                                 20020731
AB
     The pos.-working resist composition comprises a resin which increases its
     in an alkali developer upon reaction with an acid and has \geq 1
     repeating unit selected from I and II (R1,2 = H, halo, cyano, etc.; L1 =
     divalent bonding group; m1, m2 = 0, 1; R3,4 = alkyl, aryl, etc.; Rb = H,
     organic group, halo; l = 0-3; and L2 = single bond, divalent bonding group)
     and ≥1 repeating unit such as III (R11-16 = H, alkyl, etc.), a
     compound generating an acid upon receiving an active ray or a radiation.
     The use of the resin exhibited high optical transparency at ≤160
     nm.
IT
     622840-85-1 622840-98-6
     RL: TEM (Technical or engineered material use); USES (Uses)
         (resin in pos.-working resist composition)
RN
     622840-85-1 CAPLUS
     2-Propenoic acid, 2-(trifluoromethyl)-, 2,2,2-trifluoro-1-[4-[2,2,2-
CN
     trifluoro-1-(methoxymethoxy)-1-(trifluoromethyl)ethyl]cyclohexyl]-1-
     (trifluoromethyl)ethyl ester, polymer with 1-methylethyl
     4-ethenylbenzenesulfonate (9CI) (CA INDEX NAME)
     CM
          1
     CRN
          610301-02-5
          C18 H17 F15 O4
MeO-CH2-
    F<sub>3</sub>C
         CF3
     CM
          2
          79293-23-5
     CRN
          C11 H14 O3 S
     CMF
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$$i-PrO-S$$
 O
 CH
 CH
 CH

RN 622840-98-6 CAPLUS

CN 2-Propenoic acid, 2-(trifluoromethyl)-, 1-[4-[1-[(1,1-dimethylethoxy)methoxy]-2,2,2-trifluoro-1-(trifluoromethyl)ethyl]cyclohexy 1]-2,2,2-trifluoro-1-(trifluoromethyl)ethyl ester, polymer with methyl 4-ethenylbenzenesulfonate and 2,2,2-trifluoro-1-[4-[2,2,2-trifluoro-1-hydroxy-1-(trifluoromethyl)ethyl]cyclohexyl]-1-(trifluoromethyl)ethyl 2-(trifluoromethyl)-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 622840-97-5 CMF C21 H23 F15 O4

CM 2

CRN 479072-83-8 CMF C16 H13 F15 O3

$$\begin{array}{c|c} & \text{CF3} \\ & \text{C} \\ \text{CCF3} \\ & \text{CCF3} \\ & \text{CCF3} \\ & \text{CF3} \\ \end{array}$$

CM 3

CRN 16736-97-3 CMF C9 H10 O3 S

L21 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:372174 CAPLUS

DN 134:368010

TI UV-absorbing polymers bearing 2-hydroxybenzophenone or 2'-hydroxyphenylbenzotriazole residues

IN Aoyama, Masato

PA Mitsubishi Chemical Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡI	JP 2001139640	A2	20010522	JP 1999-321992	19991112
PRAI	JP 1999-321992		19991112		

AB The polymers, exhibiting high water solubility and being useful for UV stabilizers especially in waterborne emulsion coatings, comprise (i) UV-absorbing vinylic monomers bearing 2-hydroxybenzophenone or 2'-hydroxyphenylbenzotriazole residues and (ii) water-soluble vinylic monomers bearing anion-dissociative groups. The monomer (ii) may be 2-acrylamidopropanesulfonic acid, 2-acrylamido-2-methylpropanoic acid, 3-acrylamido-2,4,4-trimethylpentanesulfonic acid, 2-acrylamido-2-(4-tolyl)ethanesulfonic acid, 4-styrenesulfonic acid, and/or their salts. Thus, 1:3 (g) 2-hydroxy-4-(2-methacryloyloxy)ethoxybenzophenone-sodium p-styrenesulfonate copolymer showed water solubility ≥25%, no gelation in blending with Rikabond ES 52 (anionic aqueous emulsion coating), and <380-nm UV absorption.

IT 339994-71-7

RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)

(macromol. UV absorbers bearing benzophenone or benzotriazole groups and showing good solubility to anionic aqueous coatings)

RN 339994-71-7 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 3-(2H-benzotriazol-2-yl)-4-hydroxyphenyl ester, polymer with sodium 4-ethenylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

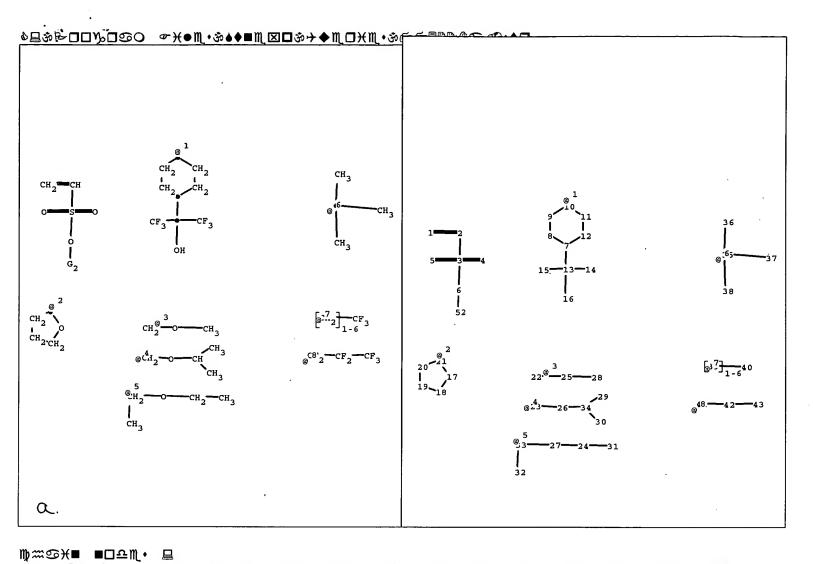
CRN 132288-91-6 CMF C16 H13 N3 O3

CM 2

CRN 2695-37-6 CMF C8 H8 O3 S . Na

● Na

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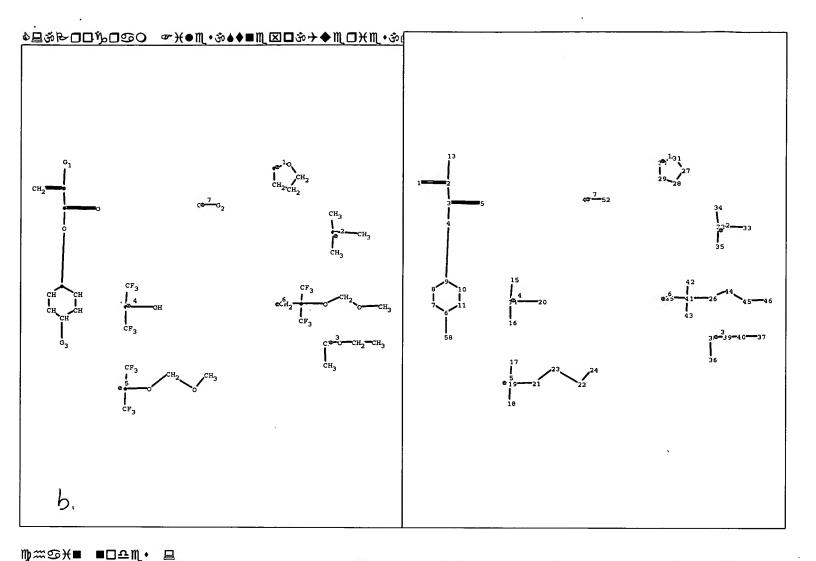
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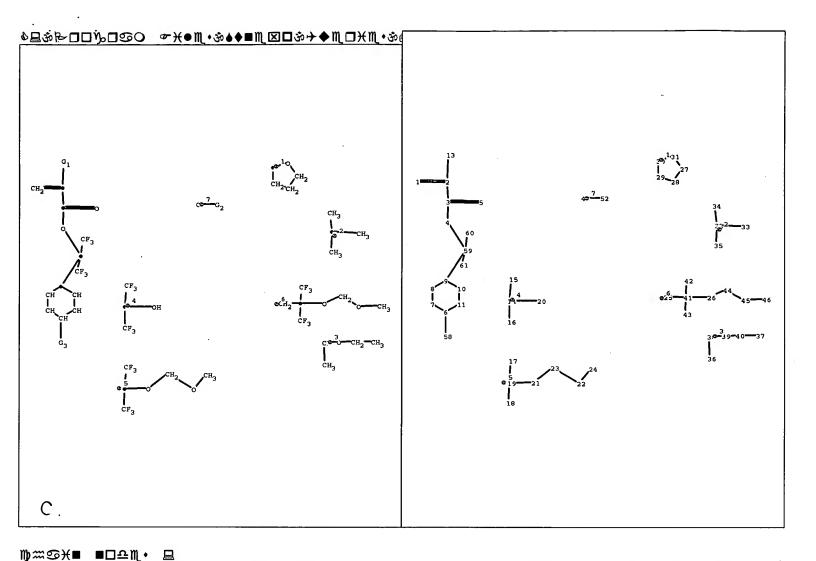
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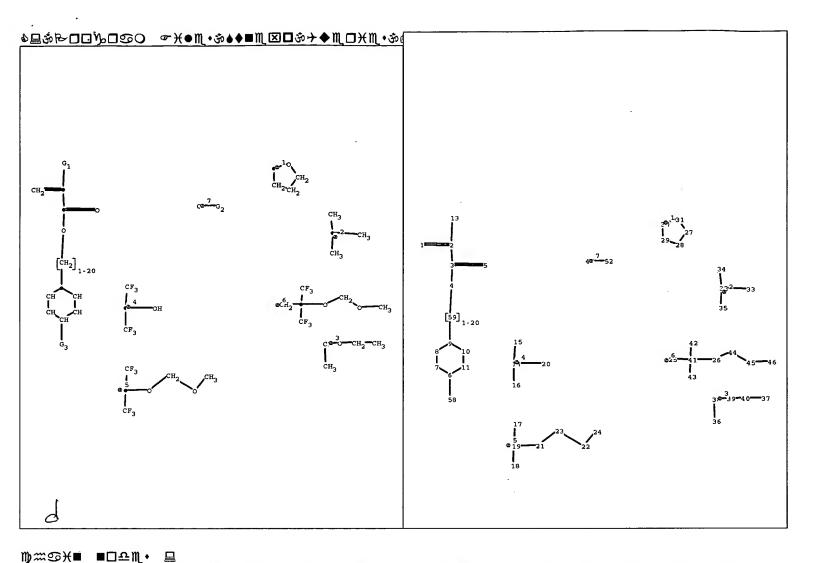
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Ð P 4 □ 100 DO **E ∄**≀⊚ ٩Đ #8 **a** 2 **i** 9 ₽v@ \$ **2** ์∎⊏≏พุ∙ □X■Y₀ **=** P **₽**2⊚ സ്യള്¥■ ପ്⊡∎മ∙ 🖻 20094 10 HV **№**100 المفرض كالمورث منظمة كالمورث المعرف المعرف المعرف المعرفة المع 14001v **∮**Ĉ ���� # 200 \$ C #400 \$ C **16008** □Ж∎№ ഉ□≣≏∙ 200 2000 **60**4 10 10 Pa DADDW **₽**1000 **1**10 **1** ₩⊠ᢒ₥♦☜■□□○ Ą□■<u>•</u>• 1000 \$ OD 11 40 **■**400**■**40 സ⊠മാസ്♦ ഉ□■≏• ⊒ \$10 **6** 160 **OF COP** #100020 8 10 and 2 (-)

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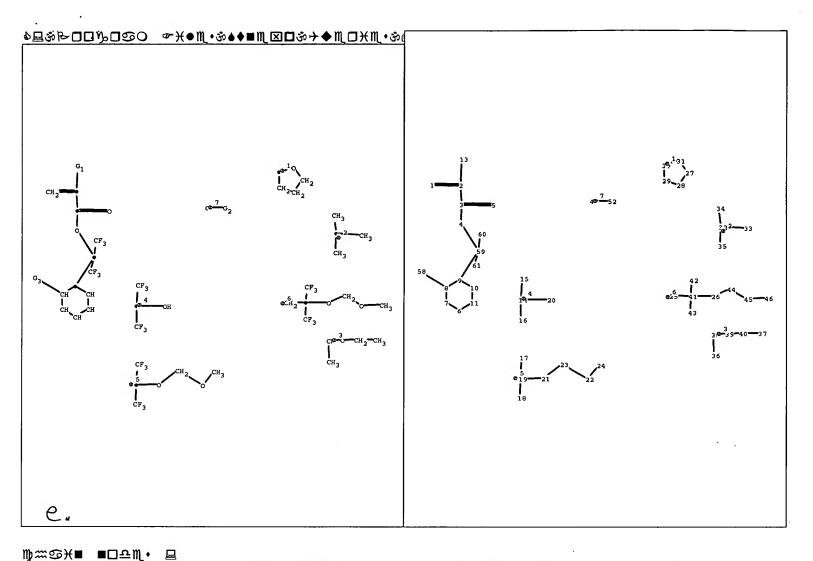


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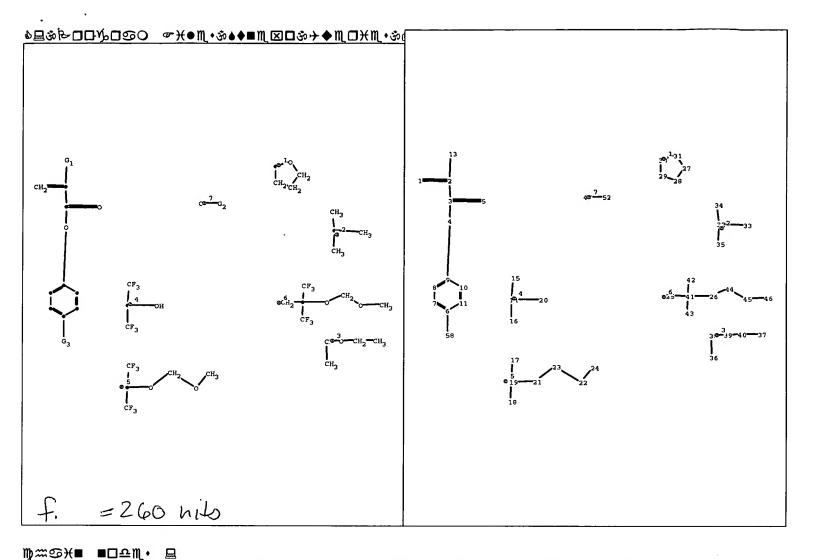
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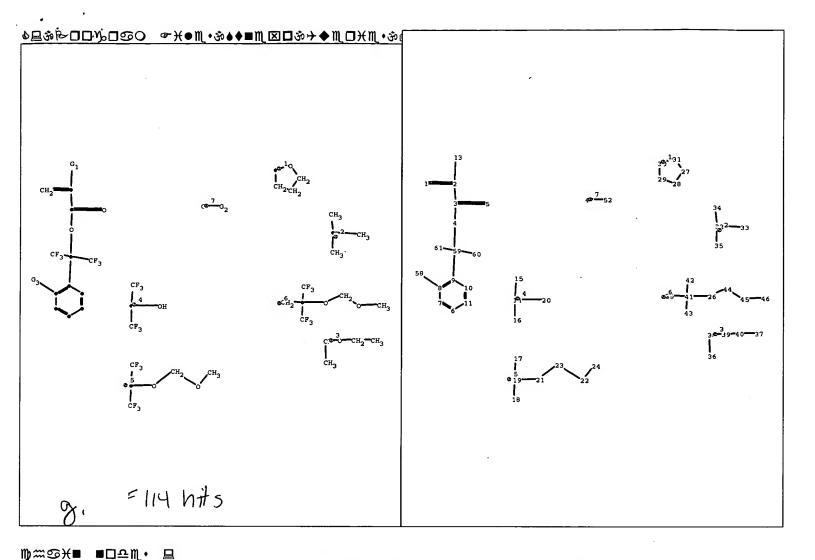
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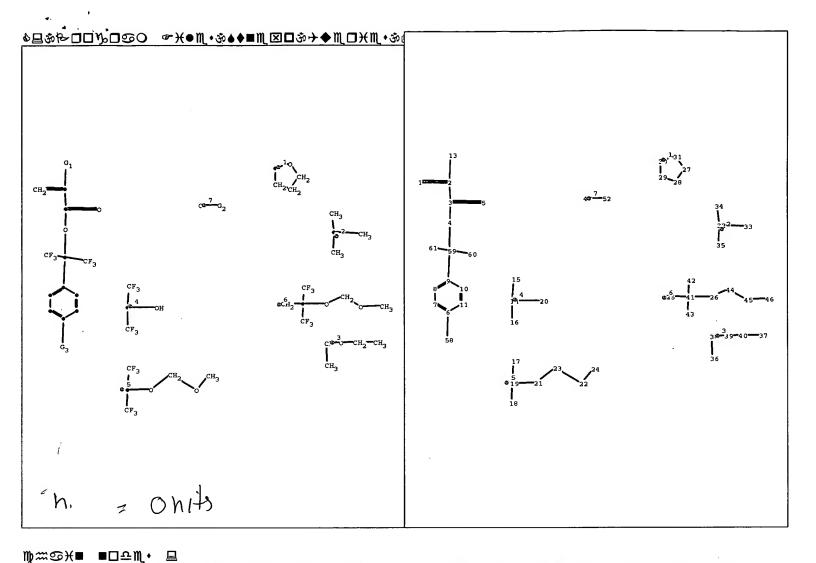
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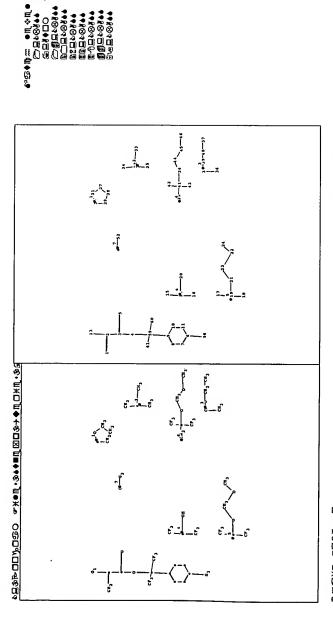
9 **₽**\$ □ 100 **E ∄**1⊕ 92 1 **P**-P ∄1æ 20 ■□ºM· 믤 ഥ∺≡‰ **=** ₼ **P** P **₽**2⊚ സം≈െ∺ ഉ⊏≣≏• <u>ല</u> 100 E 100 100 P الأفراد كالمورث كالمؤرث كالمورث كالموالي المورث كالموالي المورث ا 160 DH # 10 aD \$ ___ # 1000 \$ C □₩■⅓ ጺ□■ユ・ 월 200 COC 604 10 D 1400 P ™⊠ോ№♦∞₽□□○ श्□∎≏• ള 1000 \$ 100 B 160 H സ്⊠ോസം∳ പ്⊡≣ഫ∙ 🖻 **№**10€10 160 **140011 ₽**~@**Ø** \$ (Devis 800 \$C ■□□○★¥₩∭亞 ẫ□■亞· 🖺 200 **6** 40000 00000

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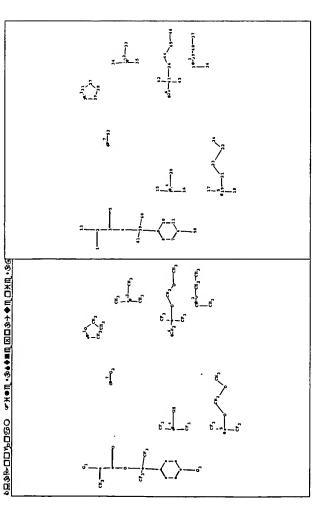


(C) * () LO **B**2 ■� 100 98 ∄v® 18 12 **1** 9 20 99 □Ӿ◾⅓。 ■□≏♏∙ 舄 ₩**#** Ð **P ∄**1∕⊚ 20 നുണയ∺െ ଶ୍⊟•• ⊟ 20080 **1@**₫D∰1@ **100 Bro** الأفاضة خافهن وخافة والموادة و 140D120 **a** # 2000 \$ C #100 \$ C □Ӿ∎Љ Ә□≡҈≏∙ 200 المرابع 140D14 2000 60° ₩⊠ॐ∰♦☞■□□○ 幻□■亞• 🗏 2008 CADA CADAC ALDAC 100 100 100 IVO 1000 160 M⊠30M♦ V□■4• 🖻 **10** (1) **P** # 1000 2 C # 1000 \$ C ■□□○●X₩M亞 Q□■亞· 昌 كالأواط المرافق في المرافق المرافقة الم



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